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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/818,023	03/27/2001	Michael D. Zoeckler	7137 CIP1	2875

7590 09/16/2002

Steve M. McLary
Riverwood International Corporation
3350 Riverwood Parkway, SE, Suite 1400
Atlanta, GA 30339

EXAMINER

HARMON, CHRISTOPHER R

ART UNIT	PAPER NUMBER
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3721

DATE MAILED: 09/16/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/818,023

Applicant(s)

ZOECKLER, MICHAEL D. *CH*

Examiner

Christopher R Harmon

Art Unit

3721

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 13 August 2002.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-41 is/are pending in the application.
- 4a) Of the above claim(s) 16-32 and 38-41 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-15 and 33-37 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☒ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 3.
- 4) ☐ Interview Summary (PTO-413) Paper No(s) _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Election/Restrictions

1. Acknowledgement is made of applicant's election of Group I claims 1-15 and 24-37 in paper No. 5 received on 8/13/02.
2. Claims 16-23 and 38-41 withdrawn from further consideration pursuant to 37 CFR 1.142(b) as being drawn to a nonelected invention, there being no allowable generic or linking claim. Election was made **without** traverse in Paper No. 5.
3. Restriction to one of the following inventions is required under 35 U.S.C. 121:
 - I. Claims 1-15 and 33-37 , drawn to a method, classified in class 493, subclass 59.
 - II. Claims 24-32, drawn to an apparatus requiring a specific first and second thickness, classified in class 493, subclass 60.

The inventions are distinct from each other for the following reasons:

4. Inventions I and II are related as process and apparatus for its practice. The inventions are distinct if it can be shown that either: (1) the process as claimed can be practiced by another materially different apparatus or by hand, or (2) the apparatus as claimed can be used to practice another and materially different process. (MPEP § 806.05(e)). In this case, the process can be practiced by an apparatus not requiring a scoring rule having a specific first and second thickness as claimed.

5. Because these inventions are distinct for the reasons given above and have acquired a separate status in the art because of their recognized divergent subject matter, restriction for examination purposes as indicated is proper.
6. During a telephone conversation with Steve McLary on 08/28/02 a provisional election was made without traverse to prosecute the invention I relating to a method, claims 1-15 and 33-37. Affirmation of this election must be made by applicant in replying to this Office action. Claims 24-32 are withdrawn from further consideration by the examiner, 37 CFR 1.142(b), as being drawn to a non-elected invention.

Claim Rejections - 35 USC § 102

7. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

8. Claims 1-6, 11, 33 are rejected under 35 U.S.C. 102(b) as being anticipated by Seufert (US 4,733,916).

Seufert discloses a method of making a reinforced paperboard container with a reinforcing material 3 with a width less than that of paperboard 1. The reinforcing material 3 is glued to the paperboard 1 and then the blank is scored with fold lines 12, 13. Fold line 13 has a wider section 17 with a transition zone in between; see figures 1 and 3.

Claim Rejections - 35 USC § 103

9. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

10. Claims 1-5, 7, 11, and 33-37 are rejected under 35 U.S.C. 103(a) as being unpatentable over Campbell et al. (US 1,600,396) in view of Seufert (US 4,733,916). Campbell et al. disclose a method of reinforcing paperboard made of paper from rolls 1, 2, and 3. Reinforcing tapes 8 are applied. The blanks are scored by scoring rolls (not shown).

Campbell does not directly disclose scoring fold lines with a section of the transverse fold line wider than another section, however Seufert provides this teaching; see above paragraph 8.

It would have been obvious to one of ordinary skill in the art at the time of the invention to include the teachings of Seufert in the invention of Campbell in order to compensate stresses in the laminate materials when folded into the final product.

Regarding the impression cylinders of claims 34-37, Campbell discloses impression cylinders 6 and scoring and cutting rolls not shown (column 2, lines 12-14) one of which performs score 12 (figure 2).

11. Claims 8-10 and 12-15 are rejected under 35 U.S.C. 103(a) as being unpatentable over Campbell in view of Seufert as applied to claims 1-5, 7, 11, and 33-37 above, and further in view of Haddock (US 3,735,674).

The modified invention to Campbell does not directly disclose a counter plate with grooves, however this feature is well known in the scoring/folding art as is shown by Haddock (see figure 1). Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to include a counterplate with a groove as is recognized by Haddock in the modified invention to Campbell in order to create fold lines in the material.

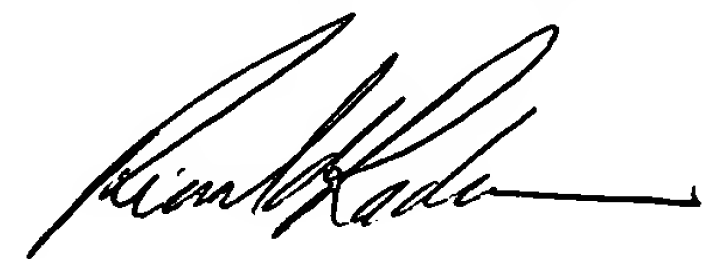
Conclusion

12. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

13. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Christopher R Harmon whose telephone number is 703-308-8643. The examiner can normally be reached on Monday-Thursday from 8-6.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rinaldi Rada can be reached on 703-308-2187. The fax phone numbers for the organization where this application or proceeding is assigned are 703-305-3579 for regular communications and 703-305-3579 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-1148.



Rinaldi I. Rada
Supervisory Patent Examiner
Group 3700